

Title (en)

Dynamic mold seal

Title (de)

Dynamische Formdichtung

Title (fr)

Joint d'étanchéité dynamique pour moule

Publication

EP 0958908 A3 20011212 (EN)

Application

EP 99107223 A 19990414

Priority

- US 8302898 P 19980424
- US 26757399 A 19990312
- US 29032799 A 19990412

Abstract (en)

[origin: EP0958908A2] A dynamic mold seal for a mold having two relatively movable mold halves is provided. The dynamic mold seal is formed by a sealing ring mounted or secured to a first one of the mold halves. The sealing ring includes a rigid ring portion and a sealing portion including a flexible sealing member for preventing leakage of the pressurized molten material from the mold and thereby preventing the creation of flash about the molded article. The flexible sealing member is preferably formed by a reduced cross section portion of the sealing portion. <IMAGE>

IPC 1-7

B29C 45/26; **B29C 45/34**

IPC 8 full level

B29C 45/26 (2006.01); **B29C 45/34** (2006.01)

CPC (source: EP)

B29C 45/2608 (2013.01); **B29C 45/263** (2013.01); **B29C 45/34** (2013.01); **B29C 2045/2648** (2013.01)

Citation (search report)

- [Y] US 5720994 A 19980224 - ASAI IKUO [JP]
- [A] DE 3315746 A1 19831110 - GRILLO WERKE AG [DE]
- [A] DE 4118916 A1 19920521 - MARX ANDREAS [DE]
- [XY] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 07 31 August 1995 (1995-08-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 05 30 June 1995 (1995-06-30)

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CN105291255A; EP1190832A3

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0958908 A2 19991124; **EP 0958908 A3 20011212**; **EP 0958908 B1 20100224**; AT E458600 T1 20100315; DE 69942048 D1 20100408

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